

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
16 December 2004 (16.12.2004)

PCT

(10) International Publication Number  
**WO 2004/109487 A1**

(51) International Patent Classification<sup>7</sup>: **G06F 3/00**

(74) Agents: **JORIO, Paolo et al.**; c/o Studio Torta S.r.l., Via Viotti, 9, I-10121 Torino (IT).

(21) International Application Number:  
PCT/IB2004/001841

(22) International Filing Date: 7 June 2004 (07.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
TO2003A000426 6 June 2003 (06.06.2003) IT

(71) Applicant (for all designated States except US):  
**GALILEO AVIONICA S.P.A.** [IT/IT]; Via A. Einstein, 35, I-50013 Campi Bisenzio (IT).

(72) Inventors; and

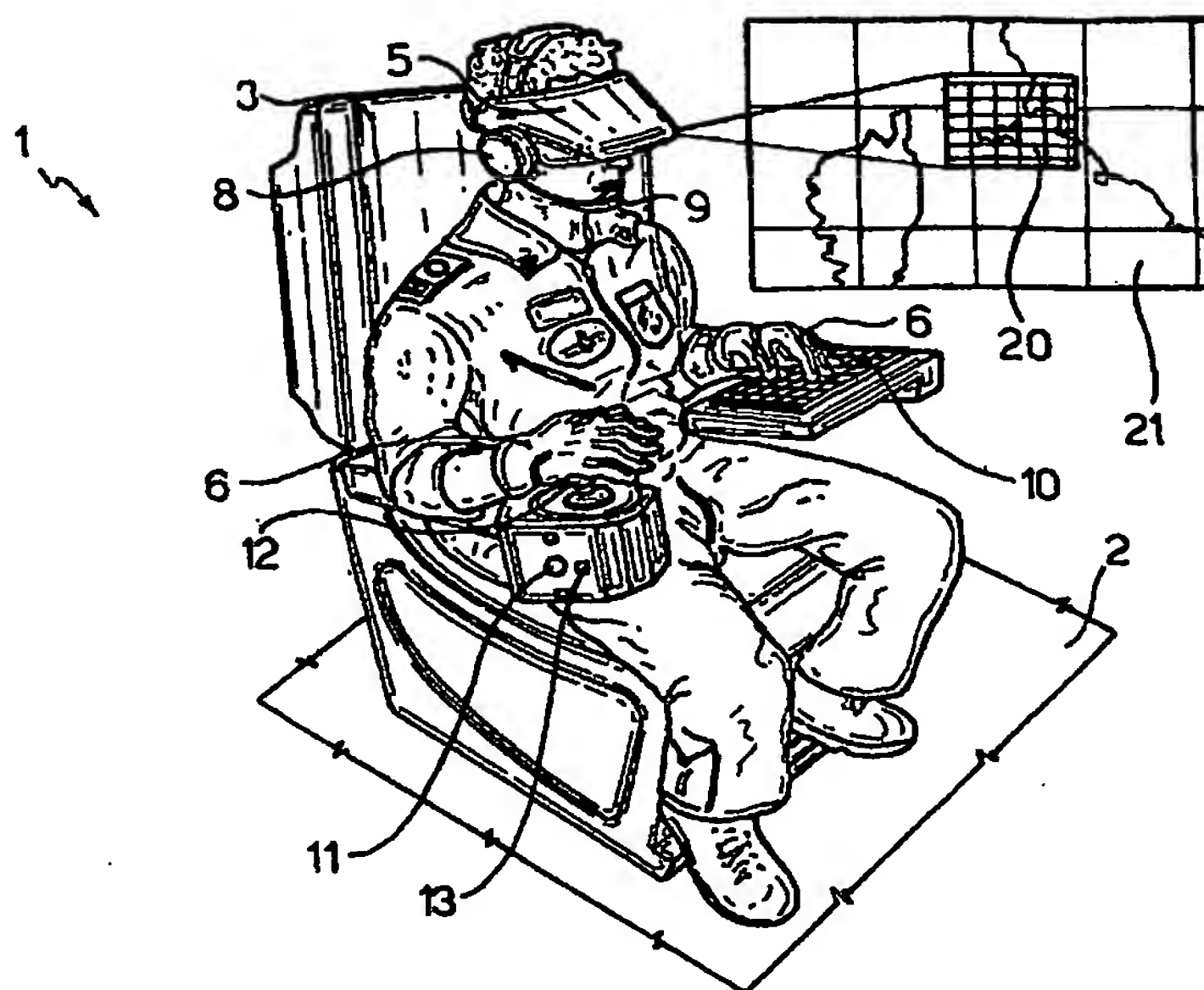
(75) Inventors/Applicants (for US only): **CAIROLA, Domenico** [IT/IT]; Strada Provinciale per Casabianca, 1, I-10037 Torrazza Piemonte (IT). **D'ANTONI, Filippo** [IT/IT]; Via Francesco Valagusa, 93, I-00151 Roma (IT).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: MISSION CONTROL SYSTEM AND VEHICLE EQUIPPED WITH THE SAME



(57) Abstract: There is described a mission control system (1) having an operator seat (3); a head-mounted display (5) and digital gloves (6) worn by the operator; a headset (8) having a microphone (9) and integrated in the head-mounted display (5); a tracker (7) for tracking the movements of the head-mounted display (5) and the digital gloves (6); and a mission computer (4) housed in the operator seat (3) and connected to the head-mounted display (5), to the digital gloves (6), to the headset (8), to the microphone (9), and to the tracker (7), to allow the operator to impart gestural commands by means of the digital gloves (6), and voice commands by means of the microphone (9), and to receive visual information by means of the head mounted display (5), and audio information by means of the headset (8).

WO 2004/109487 A1



**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*